

Amendments to the Specification

Please cancel the Description of the Drawings on page 6 of the present application and insert in place thereof the following paragraph:

~~Figure 1~~ Figures 1A-5A illustrate[[s]] the concurrent measurement of various markers using fluorescent probes.

Please cancel the second full paragraph on page 22 and the paragraph which bridges pages 22 and 23 of the present application and insert in place thereof the following paragraphs:

~~Figure 1~~ Figures 1A - 5A show[[s]] five monochrome images of the same identical field of LNCaP cells obtained with five different filter cubes that can selectively distinguish DAPI, FITC, CY3, Texas Red, and CY5. The cells were incubated concurrently with four monoclonal antibodies, each conjugated to one of the above fluorphores, and then counter[[ed]] stained with DAPI. **Figure 1A)** Image of cell nuclei stained with DAPI, a dye specific for DNA, obtained using a filter cube with a 360/40 nm exciter, a 400 nm dichroic and a 470/40 nm emitter. **Figure 1B 2A)** Image showing cellular cytokeratin stained with a monoclonal antibody-FITC conjugate and obtained using a filter cube with a 470/40 nm exciter, a 497 nm dichroic and a 522/40 nm emitter. **Figure 1C 3A)** Image showing the nuclear antigen, Ki67, stained with a monoclonal antibody-CY3 conjugate and obtained using a filter cube with a 546/11 nm exciter, a 557 nm dichroic and a 567/15 nm emitter. **Figure 1D 4A)** Image showing a prostate tissue marker, prostate specific membrane antigen, stained with a

monoclonal antibody-Texas Red conjugate and obtained using a filter with a 581/10 nm exciter, a 593 nm dichroic and a 617/40 nm emitter. **Figure 1E 5A)** Image showing the nuclear antigen, P27, stained with a monoclonal antibody-CY5 conjugate and obtained using a filter cube with a 630/20 nm exciter, a 649 nm dichroic and a 667/30 nm emitter.

Pseudocolor composite images of the five monochrome images (from **Figure 1 Figures 1A-5A)** are available, but not included: A) Composite image showing cell nuclei stained with DAPI, blue, cytokeratin stained with FITC, green, and Ki67 nuclear antigen stained with CY3, red. B) Composite image showing cell nuclei stained with DAPI, blue, and prostate specific membrane antigen stained with Texas Red, red. C) Composite image showing cytokeratin stained with FITC, green, and P27 nuclear antigen stained with CY5, red.